



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Attorney Docket No. 087522785329
Trego, Brian R. et al.)	
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Application No.: 10/748,537)	
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Filed: December 30, 2003)	
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For: HORIZONTALLY ADJUSTABLE)	
CHAIR ARMREST)	
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Examiner: Edell, Joseph F.)	
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Art Unit: 3636)	
)	
Confirmation No.: 8563)	

AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended) A horizontally adjustable armrest assembly for a chair comprising:

a mounting member connected to said chair, said mounting member having an upper base;

a first horizontal slide element slidably mounted to said upper base, said first slide element being ~~be~~-adjustably slidable in a first direction with respect to said upper base, and said first slide element being restrained after adjustment with respect to said upper base by frictional engagement between said upper base and said first slide element; and

a second horizontal slide element for slidably mounting to said first slide element and slidable in a second direction substantially perpendicular to said first direction, said second slide element restrained after adjustment with respect to said first slide element by frictional engagement between said second slide element and said first slide element.

Claim 2. (Original) The adjustable armrest of claim 1 wherein:

said first slide element has a slot formed therein directed along said first direction.

Claim 3. (Currently Amended) The adjustable armrest of claim 2 wherein:

said upper base includes a ~~comprises at least one~~ fastener receiving opening

therein; and including

a at least one fastener received in said slot of said first slide element and in said fastener receiving opening of said upper base for adjustably mounting said first slide element to said upper base.

Claim 4. (Original) The adjustable armrest of claim 3, further comprising:

a guide for directing sliding movement of said first slide element with respect to said upper base.

Claim 5. (Currently Amended) The adjustable armrest of claim 4 wherein:

said guide is mounted to said fastener and engages ~~engage~~ walls of said slot of said first slide element.

Claim 6. (Original) The adjustable armrest of claim 5 wherein:

said fastener comprises a stem and a head; and

said guide comprises a washer through which said stem of said fastener extends, a side rim of said washer engaging said walls of said slot.

Claim 7. (Original) The adjustable armrest of claim 6, further comprising:

a biasing element disposed between said head of said fastener and said washer.

Claim 8. (Currently Amended) The adjustable armrest of claim 4 wherein:
said upper base includes guide ~~comprises~~ a projection extending upwardly ~~from~~
~~said upper base for engaging and engaging a recess formed in~~ said first slide element.

Claim 9. (Currently Amended) The adjustable armrest of claim 8 wherein:
said ~~recess engaged by said at least one~~ projection of said upper base is parallel to
said slot of said first slide element.

Claim 10. (Currently Amended) The adjustable armrest of claim 4 wherein:
said first slide element is further comprises at least one guide ~~recess engageable~~
with a said at least one projection formed on said upper base, said projection and extending in
said first direction, ~~said at least one projection being received in said at least one guide recess for~~
~~guiding sliding movement of said first slide element with respect to said upper base.~~

Claim 11. (Currently Amended) The adjustable armrest of claim 1 wherein:
said first slide element includes a at least one projection extending from an upper
surface of said first slide element and is engageable with a recess formed in a lower surface of
said second slide element.

Claim 12. (Currently Amended) The adjustable armrest of claim 11 wherein:
said ~~at least one~~ projection of said first slide element is perpendicular to said first
direction.

Claim 13. (Original) The adjustable armrest of claim 1, further comprising:
an armrest cover.

Claim 14. (Currently Amended) A horizontally adjustable armrest assembly for a
chair comprising:

a mounting member connected to said chair, said mounting member having an upper base;

a first horizontal slide element slidably mounted to said upper base, said first slide element being slidable in a first direction with respect to said upper base, said first slide element ~~maintaining~~ ~~maining~~ after adjustment a substantially fixed position with respect to said upper base by frictional engagement; and

a second slide element slidably mounted to said first slide element in a second direction substantially perpendicular to said first direction.

Claim 15. (Original) The adjustable armrest of claim 14 wherein:

said first slide element has a slot formed therein directed along said first direction.

Claim 16. (Currently Amended) The adjustable armrest of claim 15 wherein:

said upper base comprises ~~two~~ ~~at least one~~ fastener receiving ~~openings~~ ~~opening~~ therein; and including

~~two fasteners~~ ~~at least one fastener~~ received in said slot of said first slide element and in said fastener receiving ~~openings~~ ~~opening~~ for adjustably mounting said first slide element to said upper base.

Claim 17. (Original) The adjustable armrest of claim 16, further comprising:

a guide for directing sliding movement of said first slide element with respect to said upper base.

Claim 18. (Currently Amended) The adjustable armrest of claim 17 wherein:

said guide is mounted to said fastener and engages ~~the~~ walls of said slot of said first slide element.

Claim 19. (Currently Amended) The adjustable armrest of claim 18 wherein:

said fastener comprises a stem and a head; and

said guide ~~means~~ comprises a washer through which said stem of said fastener extends, a side rim of said washer engaging the walls of said slot.

Claim 20. (Original) The adjustable armrest of claim 19, further comprising:

a biasing element disposed between said head of said fastener and said washer.

Claim 21. (Currently Amended) The adjustable armrest of claim 17 including
~~wherein:~~

~~said guide comprises~~ a projection extending upwardly from said upper base for
~~and engaging a recess formed in~~ said first slide element.

Claim 22. (Currently Amended) The adjustable armrest of claim 21 wherein:

said ~~recess engaged by said at least one~~ projection of said upper base is parallel to
said slot of said first slide element.

Claim 23. (Cancelled)

Claim 24. (Currently Amended) The adjustable armrest of claim 14 wherein:

said first slide element includes a ~~comprises at least one~~ projection ~~on said first~~
~~slide element~~ engageable with a ~~at least one~~ recess formed in said second slide element.

Claim 25. (Currently Amended) The adjustable armrest of claim 24 wherein:

~~said at least one~~ projection on said first slide element is perpendicular to said first
direction.

Claim 26. (Original) The adjustable armrest of claim 14, further comprising:

an armrest cover.

Claim 27. (Original) A horizontally adjustable armrest assembly for a chair comprising:

- a mounting member connected to said chair, said mounting member having an upper base;
- a first slide element mounted to said upper base, said first slide element being adjustably slidable in a first direction with respect to said upper base, and said first slide element being frictionally engaged to said upper base; and
- a second slide element mounted to said first slide element and being adjustably slidable in a second direction generally perpendicular to said first direction, said second slide element being frictionally engaged to said first slide element.

Claim 28. (Currently Amended) The adjustable armrest of claim 27 ~~26~~ wherein:

- said first slide element has an elongated slot formed therein parallel to said first direction.

Claim 29. (Currently Amended) The adjustable armrest of claim 28 wherein:

- said upper base includes a fastener receiving opening therein; and including
- a fastener received in said slot of said first slide element and in said fastener receiving opening of said upper base for frictionally engaging said first slide element to said upper base.

Claim 30. (Cancelled)

Claim 31. (Currently Amended) The adjustable armrest of claim 30 wherein:

- ~~a said guide structure to engage~~ engages walls around said slot of said first slide element.

Claim 32. (Currently Amended) The adjustable armrest of claim 31 wherein:

said fastener comprises a stem portion and a head portion, said guide structure comprises a washer through which said stem of said fastener extends, and said washer has having a peripheral rim.

Claim 33. (Original) The adjustable armrest of claim 32, further comprising:

a biasing element disposed between said head of said fastener and said washer.

Claim 34. (Cancelled)

Claim 35. (Cancelled)

Claim 36. (Cancelled)

Claim 37. (Original) The adjustable armrest of claim 27 wherein:

said first slide element includes a projection disposed perpendicular to said first direction; and

said second slide element includes a recess for engaging said perpendicular directed projection.

Claim 38. (Original) The adjustable armrest of claim 27 wherein:

said second slide element includes a slot parallel to said second direction; and

including

a fastener disposed through said slot of said second element and received by said first slide element.

Claim 39. (Original) The adjustable armrest of claim 27, further comprising:

an armrest cover fastened to said second slide element.

Claim 40. (New) A horizontally adjustable armrest assembly for a chair comprising:

- a mounting member adapted to be connected to the chair, the mounting member having an upper base, said upper base including first and second guide rails extending in a first direction, and first and second spaced apart fastener receiving openings;
- a first elongated slide structure mounted to said upper base and extending in the first direction, said first slide structure including
 - a first elongated slot aligning with said first and second fastener receiving openings of said upper base and extending to a distance greater than the distance between said first and said second fastener receiving openings of said upper base,
 - a lower surface for engaging said first and said second guide rails of said upper base, and
 - an upper surface having first and second guide rails extending in a second direction generally perpendicular to the first direction, and third and fourth spaced apart fastener receiving openings;
- a second elongated slide structure mounted to said first slide structure and extending in the first direction, said second slide structure including
 - second and third elongated slots, said second slot being aligned with said first fastener receiving opening of said upper surface of said first slide structure and said third slot being aligned with said second fastener receiving opening of said upper surface of said first slide structure, said second and third slots extending in a second direction perpendicular to the first direction, and
 - a lower surface having first and second elongated recesses for engaging said first and second guide rails of said upper surface of said first slide structure;

first and second fasteners positioned in said first slot of said first slide structure and in said first and second fastener receiving openings of said upper base;

first and second springs, said first spring being mounted around said first fastener and said second spring being mounted around said second fastener, said first and second springs to bias said first slide structure against said upper base;

third and fourth fasteners, said third fastener being positioned in said second slot of said second slide structure and in said third fastener receiving opening of said first slide structure and said fourth fastener being positioned in said third slot of said second slide structure and in said fourth fastener receiving opening of said first slide structure; and

third and fourth springs, said third spring being mounted around said third fastener and said fourth spring being mounted around said fourth fastener, said third and fourth springs to bias said second slide structure against said first slide structure.

Claim 41. (New) The armrest of claim 40 wherein:

each of said first, second and third slots is surrounded by a shoulder.

Claim 42. (New) The armrest of claim 41 including:

first, second, third and fourth washers wherein each washer is movable along a respective shoulder, said first washer being mounted around said first fastener, said second washer being mounted around said second fastener, said third washer being mounted around said third fastener, and said fourth washer being mounted around said fourth fastener.

Claim 43. (New) The armrest of claim 42 including:

first and second spaced apart spacer projections formed on said upper surface of said first slide structure, said spacer projections being spaced from said first and second guide rails of said upper surface of said first slide structure.

Claim 44. (New) A method of assembling an adjustable chair arm comprising the steps of:

aligning a first slide structure with a mounting member, said first slide structure having a first longitudinally extending slot;

mounting springs to first and second fasteners;

inserting said first and second fasteners and said mounted springs through said first slot of said first slide structure and into fastener receiving openings in said mounting member wherein said first slide structure is longitudinally slideable relative to said mounting member and biased against said mounting member;

aligning a second slide structure with said first slide structure, said second slide structure having second and third spaced apart slots wherein said second and third slots extend generally perpendicular to said first slot;

mounting springs to third and fourth fasteners;

inserting said third and fourth fasteners and said mounted springs through said second and third slots of said second slide structure and into fastener receiving openings in said first slide structure wherein said second slide structure is laterally slideable relative to said mounting member and to said first slide structure and is biased against said first slide structure; and

fastening said second slide structure to a cover.